

SOUTHERN FARM NOTES.

TOPICS OF INTEREST TO THE PLANTER, STOCKMAN AND TRUCK GROWER.

Strong Healthy Chicks.

Last week we devoted most of our space to growing and feeding young chicks. But the subject is by no means exhausted. Thousands of chickens are hatched every year, only to drop and die before they are a month old. "In a multitude of counselors there is a safety." We hope by giving the experience of many poultry keepers to show that much of the loss is avoidable and unnecessary. The following is from The Successful Poultry Journal:

The breeding stock and the incubator are often wrongly blamed for the chicks being weak and puny, many of them dying the first few weeks when in fact the trouble is due to the improper care of the eggs during the period of incubation. If you want good strong, lusty chicks that will go through to maturity, scratching for a living, always in the very pink of condition, study well the conditions that you surround them with, while the tender germs are sprouting into life. Do not allow the temperature of your incubator room to run below sixty degrees, keep the ventilators wide open from the start, lower the upper sash of the south window all the way down during the day, except when raining or windy, close window at night and open a door leading into an adjoining room or hall, give them all the pure fresh air possible, but guard against drafts. Hold temperature of egg chamber at 103, mark eggs and turn them half over twice daily, bring the eggs from the outer sides of the trays to the center each time, in order to equalize the heat, air them down to the same temperature as your hand; they should not feel cool to the touch; test out on the eleventh day, discard all clear eggs and those having streaks running through them. The eggs do not develop uniformly; most of the eggs you have left will be very opaque, a few will be doubtful; these are only somewhat tardy; mark them plainly, give them extra heat by placing them on top of the others in the warmest part of the machine, and they will soon catch up with their neighbors. After the eleventh day prolong the airing, gradually increasing the time, allow your machine to stand open five minutes with the eggs, exercise the eggs at each time of airing by rolling them under the palms of the hands, give them plenty of air and exercise; action is the very life of animal growth. Test a second time on sixteenth day; notice your tardies; if you have given them a little extra care they will be up with the crowd. They will pin at the close of the nineteenth day. Close the ventilators, run at 103½ to 104, do not open the machine under any circumstances, and in ten or twelve hours they will clean you up a hatch of big strong chicks, that will live through thick and thin. All this talk about weak breeding stock is hush. It's only an excuse used for the worthless incubators. If the spark of life is present in the egg surround it with proper conditions and it will develop into a vigorous organism. The fact that the tardy eggs can be hurried along is proof of this.

Wood Ashes and Kainit For Potatoes.

R. N. H., Irvington, writes: "I would like some information as to the value of wood ashes and kainit for potatoes."

Kainit, as you probably know, is potash in its crude form. It is a low grade of potash, as only 12½ per cent. is actually available for plant food, and as it is mixed with considerable quantities of salt and chlorides it is not as satisfactory a potato fertilizer as the sulphate. Besides that it is so low in available plant food that it is one of the most costly forms in which potash can be used because you will observe that a large amount of virtually waste material is shipped in every ton. Therefore the cost of potash in kainit is relatively higher than in the more concentrated forms.

Wood ashes make a satisfactory fertilizer for gardens and for the potato crop as well. Their value depends a good deal on the source from which they are derived and the treatment they have received. Ashes also contain considerable amounts of lime and a very small amount of phosphoric acid, so that they are useful in providing other forms of plant food. The average analysis of commercial wood ashes shows them to contain about 5 to 7 per cent. of potash, 1 to 2 per cent. of phosphoric acid and from 25 to 30 per cent. of lime. This, of course, is for the unleached form. Leached ashes frequently contain only 1 per cent. of potash, ½ per cent. of phosphoric acid and 25 to 30 per cent. of lime. Where ashes that have been protected from the water can be purchased at a low cost they provide potash in a satisfactory form and should be utilized on gardens and in orchards. Should one desire to provide fifty pounds of available potash for each acre of land, it would be necessary to use about 500 pounds of wood ashes to the acre.

News of the Day.

Governor Bell, of Vermont, has reprieved until June 23 Mrs. Mary M. Rogers, under sentence of death for the murder of her husband.

The first step in the great Weightman will contest in Philadelphia, for stakes aggregating \$60,000,000, was taken.

Cadet John C. Kester was badly hurt by the premature explosion of a gun at the unveiling of a monument at Morgantown, W. Va.

As to the amount that should be paid for wood ashes, it is only necessary to state that potash can be bought in the form of muriate at about 4½ to 5 cents per pound for available plant food. Therefore 100 pounds of wood ashes are not worth more than thirty-five cents at the outside. If they can be bought at 15 to 25 cents they can be used to advantage as a fertilizer. It is for these reasons that in previous communications relative to Irish potatoes the use of sulphate of potash has been suggested, because it provides plant food in a more concentrated form and also is better suited to the production of an Irish potato of high cooking quality. There is no objection to using wood ashes for potatoes. The objection to kainit is not serious, and any of these forms of potassic fertilizers can be used to advantage in the production of general garden crops.—Andrew W. Soule.

Preparing Land For Alfalfa.

J. K. Farmville, writes: "I have read and heard much about alfalfa, but have never seen any, as there is none raised here. I want to try it, and would like some information as to how to prepare the land, and when is the best time to sow? Also where can the material be obtained for inoculating the land? Does the soil have to be inoculated for cowpeas?"

Land for alfalfa should be very carefully prepared. It is well to start a year in advance to get the land ready, and unless it is naturally very deep and porous it should be subsoiled, and subsoiling is best done in the fall of the year. It is also well to enrich the land by growing a crop of cowpeas and plowing them down before seeding to alfalfa. The seeding may be done appropriately about the first of September; not later than this, or the alfalfa will not make a strong enough growth to withstand the freezes of winter. Spring seeding may be practiced about the first to the fifteenth of March, depending a good deal on climatic conditions. It is generally best to wait until danger of hard freezing is past. It is well to inoculate your alfalfa before seeding. This may be done by obtaining some of the culture put up by the experiment station and sent at a very small cost to the farmers of the State upon application. As a rule, it is not necessary to inoculate land in Tennessee for cowpeas or red clover. Sometimes soy beans do much better when inoculated, and the station hopes to be in position to furnish the farmers of the State with the necessary germs for inoculating soy beans.—Knoxville Journal.

Value of Lime For Corn.

W. E. G., Charlottesville, Va., writes: Please tell me how to test land to see if lime is needed. Do you think lime would benefit land for corn?

It is an easy matter to test land so as to tell whether it is acid or not. Purchase from your nearest drug store a package of blue litmus paper which you should be able to get for five cents. Take a handful of the soil to be tested and moisten with rainwater in a tin cup and insert a strip of the litmus paper. If it turns red quickly it is an evidence that your land is quite acid; if it turns red slowly, that it is only slightly acid. In either case lime should be applied. If it is very acid a heavy application would be advisable, say fifty bushels, applied in the autumn form. Purchase it when freshly burned and distribute in heaps in the field at suitable distances and cover lightly with earth and allow to slake. When thoroughly slaked, scatter it over the surface of the ground uniformly and incorporate with a harrow. Lime is not a fertilizer but is a stimulant and a corrector of certain objectionable conditions in the soil. It also sets free plant food which is held in unavailable forms, and may therefore injure the land if used to excess. An application of lime once in three to five years is ample as a rule. Land intended for corn will be benefited by an application of lime. The test indicated is very easily made and it will pay you to ascertain whether your soil is acid or not, and if it is, to make an application of lime.

Making a Lawn.

Four things are required to make a good lawn: Time, soil, climate and intelligent labor. In England they have a saying that it requires 100 years to make a lawn, and 200 years to make a good lawn. In this country, where we are trying to make suburban homes while you wait, and where a month or two seems a very long time, people are too impatient. It speaks well for their ambition that they want lawns as soon as they move into their houses, but they are really exacting too much. At the very best, it requires no less than three years to make a presentable lawn, and five or ten years to make what we uncritical Americans call a good lawn.—The Garden Magazine.

Pointed Paragraphs.

Roosters do a lot of crowing, but the hens egg them on.

True politeness requires more attention to the feelings of others than to mere forms.

All is not gold that glitters, and all do not shine in society who think they do.

A \$10,000,000 company has been formed to mine West Virginia coal and ship it from the port of Norfolk.

GOVERNMENT LIGHT.

HISTORIC CHICKAMAUGA PARK
ABLAZE WITH ILLUMINATION.

United States System of Lighting Military Post Pronounced Gratifyingly Successful—Six and One-Half Miles of Main—Sixty-Five Street Lights.

Chickamauga Park, Ga., May 31.—The United States Government has here in operation one of the largest acetylene gas plants in the world. The military post at the entrance of the historical Chickamauga battlefield, where thirty thousand Union and Confederate soldiers were lost in the memorable battle of September 19 and 20, 1863, contains about one hundred buildings, the seventy-five principal ones of which are lighted with acetylene. To accomplish this six and one-half miles of mains and two miles of service pipes are in use, while sixty-five street lamps brilliantly illuminate the avenues of the post.

In 1903 the War Department installed a test acetylene plant at Fort Meyer, Virginia. The results were so gratifying and the superiority of the illuminant so evident that the Government, March 20, 1904, placed the contract for the Chickamauga plant, in which every citizen of the United States should have his pro rata of pride.

But the Government has not confined its acceptance of acetylene to this military post. Since becoming satisfied of the efficiency, superiority and economical advantages of this particular illuminant, the United States has installed a number of plants in Indian schools and other Government institutions.

Acetylene gas is one of the simplest as well as the most perfect of artificial lights. It is made by the contact of water and carbide in a manufactured product for sale at a nominal price, is absolutely safe and gives a beautiful, white light soothing to the eyes and nerves. It can be produced anywhere—in the farm home, the village store, the town hall, the church—and is so easily maintained as to be practical for all classes.

It is a matter for national congratulation that in beautifying so historic a spot as Chickamauga, nothing but the best, including the lighting system, has been deemed good enough for the American people.

Train Too Fast for Coyotes.

The recent chase of a wolf by a train on the Cheyenne & Northern railroad north of Cheyenne was discounted near here when engine 1657, hauling a special fast freight, ran down and killed two coyotes. The animals were trotting along on the track over a section of the country that was deep in snow. At the approach of the train the coyotes attempted to jump from the track but the high banks of snow prevented this, so they tried to run away from the iron horse. For over six miles the race continued before the coyotes were run down and killed.—Denver Republican.

ULCERS FOR THIRTY YEARS

Painful Eruptions From Knees to Feet
Seemed Incurable—Cuticura Ends Misery.

Another of those remarkable cures by Cuticura, after doctors and all else had failed, is testified to by Mr. M. C. Moss, of Gainesville, Texas, in the following letter: "For over thirty years I suffered from painful ulcers and an eruption from my knees to feet, and could find neither doctor nor medicine to help me, until I used Cuticura Soap, Ointment and Pills, which cured me in six months. They helped me the very first time I used them, and I am glad to write this so that others suffering as I did may be freed from misery."

Rome has seminaries representing eighty-seven orders.

Mrs. Winslow's Scotch girl gave me a little medicine, often the cure, reduce inflammation, allays pain, cures wind colic, etc.

The Pekin robin is becoming naturalized in the parks of London.

Plato's character is too highly spoken of as a good one.—L. W. O'Donnell, 221 East Avenue, N., Minneapolis, Minn., Jan. 9, 1911.

The American Academy of Fine Arts in Rome is ten years old.

Why Do We Go to Bed at Night?

Because the bed will not come to us, but pain in the bowels will, which can be relieved by Dr. Biggers' Buckleberry Cordial, which cures all bowel troubles. Cures the children when teething. Cholera Morbus, Dysentery, etc.

Sold by all Druggists, 25 and 50c. bottle.

Commenting on the effects of the dime novel and the sensational play in increasing crime the Insurance Monitor says that the criminal classes in America are increasing faster than the population and that most of the thefts and burglaries are committed by minors or men in their early 20's.

COMPLETELY RESTORED.

Mrs. P. Brunzel, wife of P. Brunzel, stock dealer, residence 3111 Grand Ave., Everett, Wash., says: "For fifteen years I suffered with terrible pain in my back. I did not know what it was to enjoy a night's rest and arose in the morning feeling tired and unrefreshed. My suffering sometimes was simply indescribable. When I finished the first box of Doan's Kidney Pills I felt like a different woman. I continued until I had taken five boxes. Doan's Kidney Pills act very effectively, very promptly, relieve the aching pains and all other annoying difficulties."

Foster-Milburn Co., Buffalo, N. Y. For sale by all druggists. Price 50 cents per box.

INTERESTING LETTER WRITTEN BY A NOTABLE WOMAN

Mrs. Sarah Kellogg, of Denver, Color.
Bearing of the Woman's Relief Corps,
Sends Thanks to Mrs. Pinkham.



The following letter was written by Mrs. Kellogg, of 1638 Lincoln Ave., Denver, Colo., to Mrs. Pinkham, Lynn, Mass.: "Dear Mrs. Pinkham: For five years I was troubled with a tumor, which kept growing, causing me intense agony and great mental depression. I was unable to attend to my house work, and life became a burden to me. I was confined for days to my bed, lost my appetite, my courage and all hope. I could not bear to think of an operation, and in my distress I tried every remedy which I thought would be of any use to me, and reading of the value of Lydia E. Pinkham's Vegetable Compound to sick women decided to give it a trial. I felt so discouraged that I had little hope of recovery, and when I began to feel better, after the second week, thought it only meant temporary relief, but to my great surprise I found that I kept gaining, while the tumor lessened in size."

"The Compound continued to build up my general health and the tumor seemed to be absorbed, until, in seven months, the tumor was entirely gone and I was a well woman. I am so thankful for my recovery that I ask you to publish my letter in newspapers, so other women may know of the wonderful curative powers of Lydia E. Pinkham's Vegetable Compound."

When women are troubled with irregular or painful menstruation, weakness, leucorrhoea, displacement or ulceration of the womb, that bearing-down feeling, inflammation of the ovaries, backache, flatulence, general debility, indigestion and nervous prostration, they should remember there is a tried and true remedy. Lydia E. Pinkham's Vegetable Compound at once removes such trouble.

No other medicine in the world has received such widespread and unqualified endorsement. No other medicine has such a record of cures of female troubles. Refuse to buy any other medicine.

Mrs. Pinkham invites all sick women to write her for advice. She has guided thousands to health. Address, Lynn, Mass.

Health is too valuable to risk in experiments with unknown and untried medicines or methods of treatment. Remember that it is Lydia E. Pinkham's Vegetable Compound that is curing women, and don't allow any druggist to sell you anything else in its place.

White Quick FOR A Big Bargain

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GA-LIA BUSINESS COLLEGE, Macon, Ga.

Adam also got his eyes open after his marriage.

Railroad Rate Legislation.

Testifying before the Senate Committee at Washington, Interstate Commerce Commissioner Prosser said in discussing the proposition to give that commission the power to regulate railway rates:

"I think the railways should make their own rates. I think they should be allowed to develop their own business. I have never advocated any law, and I am not now in favor of any law, which would put the rate making power into the hands of any commission or any court. While it may be necessary to do that some time, while that is done in some States at the present time, while it is done in some countries, I am opposed to it. The railway rate is property. It is all the property that the railway has got. The rest of its property is not good for anything unless it can charge a rate. Now it has always seemed to me that when a rate was fixed, if that rate was an unreasonable rate, it deprives the railroad company of its property pro tanto. It is not necessary that you should confiscate the property of a railroad; it is not necessary that you should say that it shall not earn three per cent. or four per cent. When you put in a rate that is inherently unreasonable, you have deprived that company of its rights, of its property, and the Circuit Court of the United States has jurisdiction under the fourteenth amendment to restrain that. I have looked at these cases a great many times, and I can only come to the conclusion that a railroad company is entitled to charge a fair and reasonable rate, and if any order of a commission, or any statute of a State Legislature, takes away that rate, the fourteenth amendment protects the railway company."

A loafer is a man who loafs and has no bank account.

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WANTED--

Address of (1) persons of every Indian tribe living with any tribe, and (2) persons who have been drafted in Kentucky, (3) persons of soldiers who have been drafted in Kentucky, (4) persons who have been drafted in Kentucky, (5) persons who have been drafted in Kentucky, (6) persons who have been drafted in Kentucky, (7) persons who have been drafted in Kentucky, (8) persons who have been drafted in Kentucky, (9) persons who have been drafted in Kentucky, (10) persons who have been drafted in Kentucky.

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No. 23.

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GUARANTEED CURE for all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, bloated bowels, foul mouth, headache, indigestion, pimples, regularly you are sick. Constipation kills more people than all other diseases together. It causes chronic ailments and long years of suffering. No matter what ails you, start taking right. Take our advice, start with Cascarets today under absolute guarantee to cure or money refunded. The genuine tablet stamped C.C.C. Never sold in bulk. Sample and booklet free. Address Sterling Remedy Company, Chicago or New York.

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GUARANTEED CURE for all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, bloated bowels, foul mouth, headache, indigestion, pimples, regularly you are sick. Constipation kills more people than all other diseases together. It causes chronic ailments and long years of suffering. No matter what ails you, start taking right. Take our advice, start with Cascarets today under absolute guarantee to cure or money refunded. The genuine tablet stamped C.C.C. Never sold in bulk. Sample and booklet free. Address Sterling Remedy Company, Chicago or New York.

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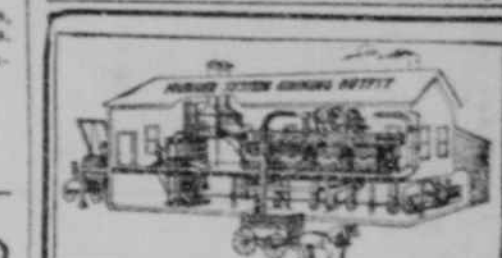
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Let a SAMPLE BOTTLE of CHECKERS HELP YOU to GET WELL!

Perhaps you have the most stubborn and fatal disease the doctors know about. Perhaps you've suffered untold agony and daily torment. Perhaps you are unable to look after your daily work, maybe not well enough to give it a fraction of the time it needs. Perhaps you're discouraged with life—never expect to get back your youthful vigor again—lost your ambition, take no interest in your business, no longer enjoy old pleasures, find home and friends less attractive. The above are the usual penalties of disease suffering.

Perhaps you've tried a dozen doctors and dozens different medicines. Then given up with disgust. It's a common experience. Do you expect to stop trying and risk the fatal end? Or are you still open for a positive cure? Your confidence, no doubt, has been shattered before by a dozen trials, but because you have grasped at straws in the past, will you refuse now to try a proven life preserver? Won't you bolster up your faith in human nature and try again? A positive cure depends on your answer.

Dr. Checkers, of Austria, gave his country the famous Checkers formula—this wonderful Medicine to be taken into the stomach, there to be absorbed by the blood—making the people new all over. Checkers is just beginning to be known in the U. S. It has cured thousands. It has cured wherever it has been tried. It is not a drug, it's like nothing you have ever tried—but it will cure you. It checks and stops the ravages of Consumption, it cures Stomach, Liver, Kidney, Nerve and Blood Diseases, Catarrh, Brucellosis, Gout, La Grippe, Neuritis, Rheumatism, Heart Disease, Indigestion, Malaria, Chills and Fever, Nervousness, General Debility and all known Female Complaints. We promise sincere quick relief and permanent cure. Good druggists have it—also the leading stores. Get a mammoth dollar bottle (30-DAY), you will for get it tomorrow.

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